Claims

1. An isolated polynucleotide that encodes a *Bacillus thuringiensis* toxin comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, and insecticidal fragments thereof.

2. The isolated polynucleotide according to claim 1 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:2.

3. The isolated polynucleotide according to claim 1 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:4.

4. The isolated polynucleotide according to claim 1 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:6.

5. The isolated polynucleotide according to claim 1 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:8.

6. The isolated polynucleotide according to claim 1 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:1 sufficient to encode an insecticidal toxin.

7. The isolated polynucleotide according to claim 1 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:3 sufficient to encode an insecticidal toxin.

8. The isolated polynucleotide according to claim 1 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:5 sufficient to encode an insecticidal toxin.

9. The isolated polynucleotide according to claim 1 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:7 sufficient to encode an insecticidal toxin.

10. A recombinant microbial or plant cell comprising an isolated polynucleotide sequence comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, and insecticidal fragments thereof.

11. The recombinant microbial or plant cell according to claim 10 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:2.

12. The recombinant microbial or plant cell according to claim 10 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:4.

13. The recombinant microbial or plant cell according to claim 10 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:6.

14. The recombinant microbial or plant cell according to claim 10 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:8.

15. The recombinant microbial or plant cell according to claim 10 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:1 sufficient to encode an insecticidal toxin.

16. The recombinant microbial or plant cell according to claim 10 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:3 sufficient to encode an insecticidal toxin.

17. The recombinant microbial or plant cell according to claim 10 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:5 sufficient to encode an insecticidal toxin.

18. The recombinant microbial or plant cell according to claim 10 wherein said polynucleotide comprises a fragment of the nucleotide sequence of SEQ ID NO:7 sufficient to encode an insecticidal toxin.

19. A method for controlling lepidopteran insects which comprises administering to said insects or to the environment of said insects a microbial or plant host transformed to express a *Bacillus thuringiensis* toxin comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, and SEQ ID NO:8, and insecticidal fragments thereof.

20. The method according to claim 19 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:2.

21. The method according to claim 19 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:4.

22. The method according to claim 19 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:6.

23. The method according to claim 19 wherein said toxin comprises an insecticidal fragment of SEQ ID NO:8.